

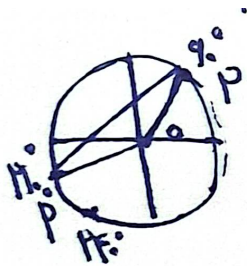
$$\frac{a \sin \frac{\sqrt{p}}{p} + b \cos \frac{\sqrt{p}}{p}}{a \sin \frac{1}{p} + b \cos \frac{1}{p}} = \tan \alpha \frac{\sqrt{p}}{p} \Rightarrow \frac{a \sin \frac{\sqrt{p}}{p} + b \cos \frac{\sqrt{p}}{p}}{a \sin \frac{1}{p} + b \cos \frac{1}{p}} = \frac{\sqrt{p}}{p} \tan \alpha$$

جواب

$$\Rightarrow \frac{\frac{\sqrt{p}}{p} (a+b)}{\frac{1}{p} (b-a)} = \frac{\sqrt{p}}{p} \Rightarrow \frac{a+b}{b-a} = \frac{1}{p}$$

$$\Rightarrow pa + pb = b - a \Rightarrow pb = -pa \Rightarrow b = -pa$$

$$\Rightarrow \frac{b}{a} = -p$$



$$p\left(\frac{Y}{p,q}\right) \quad q = -H \cdot \frac{1}{p} \cdot p \cdot q = -H \cdot 1 = -H$$

$$\rightarrow \cos \theta = \frac{1}{p} \quad \delta = 1 \text{ or } \sin \theta = \frac{1}{p} = \frac{1}{p}$$

2

$$\frac{x/p}{y/p} \rightarrow \frac{x}{y} \Rightarrow \frac{x}{y} = \frac{y}{y} = \frac{y}{y} = 1$$

$$\Rightarrow \frac{x}{y} = \frac{y}{y} = \frac{y}{y} = 1$$

$$p \rightarrow p \cdot f_0$$

10

$$\frac{\sin(90^\circ + 10^\circ) + k \cos(90^\circ - 10^\circ)}{\cos(110^\circ - 10^\circ) + \mu \sin(110^\circ + 10^\circ)} = \mu$$

$$\tan 10^\circ = \frac{1}{\mu}$$

$\Rightarrow$

$$\frac{F - k}{-F - \mu} = \mu$$

$\Rightarrow$

$$-11 = 8 - k \Rightarrow$$

$$k = 19$$

$$\frac{\cos 10^\circ + -k \sin 10^\circ}{-\cos 10^\circ + -\mu \sin 10^\circ} = \mu$$

-9

$$1 - \cos \theta = p \cos \theta$$

$$\cos \theta = -1 \Rightarrow \cos \theta = -\frac{1}{p}$$

$$\sin \theta = \sqrt{1 - \left(\frac{1}{p}\right)^2} = \frac{\sqrt{p^2 - 1}}{p} \Rightarrow$$

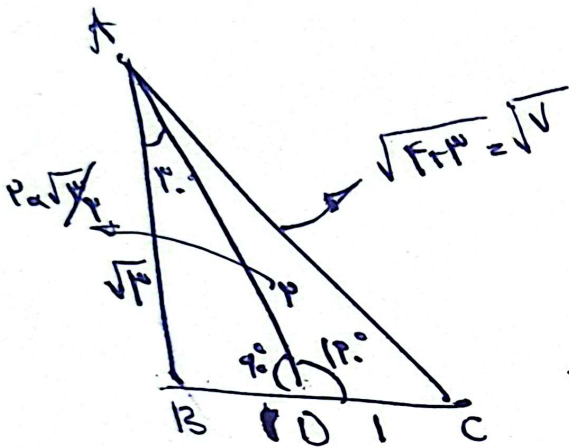
$$\frac{p \cos \theta}{\tan \theta - p \tan \theta} = \frac{p \cos \theta}{-\tan \theta} = \frac{p \cos \theta}{-\sin \theta}$$

✓

$$\sin \theta = 1 - \frac{1}{p} = \frac{p-1}{p} \Rightarrow \frac{p-1}{p} = -\frac{1}{p}$$

$$\frac{\pi \cdot 1 \cdot 1}{110} = \frac{\Delta F R}{90} = \frac{110 R}{F \Delta} = \frac{110 R}{\Delta}$$

$$\frac{r_A}{r_B} = \frac{\cancel{r_A}^P}{\cancel{r_B}^P} = \frac{P}{P} \Rightarrow \frac{r_A^P}{r_B^P} = \frac{r_A}{r_B}$$



~~$\frac{1}{\sqrt{p}}$~~

$$\Rightarrow \frac{P_{ADC}}{P} = \frac{\sqrt{P}}{P} \Rightarrow DC = 1$$

$$\sin C = \frac{\sqrt{p}}{\sqrt{V}} \quad \sin PC = \frac{p \sin C}{C \cdot \sin C} = \frac{p \sqrt{p}}{V}$$

$$\begin{aligned}
 \text{Q.3} \quad S &= 9 = 3 \times 3 = \frac{1}{p} \times \frac{p}{9} \times \frac{9}{p} + \frac{1}{p} \times \frac{p}{9} = \frac{1}{p} \Rightarrow S_{AMN} = \frac{1}{p} \\
 \Rightarrow \sqrt{9+F} &= \sqrt{10} \rightarrow \sqrt{\frac{1}{p}} \times \sqrt{\frac{10}{p}} \times \frac{1}{p} \times \frac{1}{p} = \frac{1}{p}
 \end{aligned}$$